

## Session Program

4–6 Nov 2026



**Meeting of Young Astronomers and Astrophysicists -  
FIKUT NEXTGEN**

***Astronomical Instrumentation, Observational Techniques,  
and Space Plasma Physics***

HUN-REN Wigner Research Centre for Physics  
1121 Budapest, Konkoly-Thege Miklós út 29-33.

## Thursday 5 November

16:30

### Astronomical Instrumentation, Observational Techniques, and Space Plasma Physics

Session | Location: HUN-REN Wigner Research Centre for Physics, 1121 Budapest, Konkoly-Thege Miklós út 29-33.

16:30–16:45

#### Stellar Intensity Profiles with Synspec for Ariel Transit Modeling

##### Speaker

Borbála Nagy

16:45–17:00

#### Tracing Radial-Velocity Drift in the ACE Spectrograph: Instrumental Stability and Environmental Effects at Piskéstető

##### Speakers

Mohamed OUKLILENE, Mr Yazdan Mostajabaldaveh

17:00

17:20

### Astronomical Instrumentation, Observational Techniques, and Space Plasma Physics

Session | Location: HUN-REN Wigner Research Centre for Physics, 1121 Budapest, Konkoly-Thege Miklós út 29-33.

17:20–17:35

#### LED testing strategy and optical optimisation of the THESEUS Infrared Telescope's Calibration Unit

##### Speaker

Bendegúz Koncz

17:35–17:50

#### Testing shock jump predictions using THEMIS observations

##### Speakers

Abdul Rahuman Mohamed Nawrouse, Dr Gabor Facsko

17:50–18:05

#### Mechanical Design Concept Challenges for the THESEUS InfraRed Telescope's Calibration Unit

##### Speaker

Mr András Péter Joó

18:05